



# IceCube Summer School 2024

## Monday 3 June 2024

### Physics: IceCube Science - Supernova (09:10 - 09:45)

-Conveners: John Hardin

time	[id] title	presenter
09:10	[2] IceCube Science	HALZEN, Francis

### Physics: Multimessenger Astrophysics and Cosmic Rays - Supernova (10:45 - 11:45)

-Conveners: John Hardin

time	[id] title	presenter
10:45	[38] Multimessenger Astrophysics	BALAGOPAL V, Aswathi
11:15	[39] Cosmic Rays	LESZCZYNSKA, Agnieszka

### Physics: Working Group Summaries - Supernova (13:00 - 14:00)

-Conveners: John Hardin

time	[id] title	presenter
13:00	[66] Beyond the Standard Model	UN NISA, Mehr
13:20	[72] Neutrino Sources	KOCHOCKI, Alina
13:40	[71] Diffuse	NAKOS, Maxwell

### Physics: Working Group Summaries - Supernova (14:30 - 15:10)

-Conveners: John Hardin

time	[id] title	presenter
14:30	[70] Supernova	BENZVI, Segev
14:50	[67] Cosmic Rays	LESZCZYNSKA, Agnieszka

# Wednesday 5 June 2024

**Physics: IceCube Analyses and Event Selections - Supernova (10:30 - 11:30)**

-Conveners: Zoe Rechav

time	[id] title	presenter
10:30	[40] IceCube Analyses	YILDIZCI, Emre
11:00	[43] IceCube Event Selections	RECHAV, Zoe

# Thursday 6 June 2024

**Physics: Machine Learning / Neural Networks and Neutrino Physics - Supernova (09:00 - 10:00)**

-Conveners: Jesse Osborn

time	[id] title	presenter
09:00	[51] Machine Learning and Neural Networks	PETERSON, Josh
09:30	[21] Neutrino Physics	BALANTEKIN, Baha

**Physics: Diffuse Neutrinos and Detector Physics - Supernova (10:30 - 11:30)**

-Conveners: Jesse Osborn

time	[id] title	presenter
10:30	[52] Diffuse neutrinos - from TeV to EeV	LU, Lu
11:00	[53] Detector Physics	VANDENBROUCKE, Justin

# Friday 7 June 2024

**Physics: IceCube Simulation - Supernova (09:30 - 10:00)****-Conveners: Jesse Osborn**

time	[id] title	presenter
09:30	[27] IceCube Simulation	DÍAZ VÉLEZ, Juan Carlos

**Physics: Event Reconstruction and Ice Models - Supernova (10:30 - 11:30)**

time	[id] title	presenter
10:30	[28] IceCube Calibration & Ice Models	Mr CHIRKIN, Dmitry
11:00	[30] Event Reconstructions	YUAN, Tianlu

**Physics: Radio Neutrinos - Supernova (14:30 - 15:00)****-Conveners: Jesse Osborn**

time	[id] title	presenter
14:30	[50] Neutrinos in Radio Waves	DUVERNOIS, Michael